

*C3*

outlet line for the treated light gasoline cut, said zone also comprising at least one catalyst bed containing 0.1-1% of palladium deposited on a support, and said apparatus further comprising a line (13) for taking the stripped and sweetened light gasoline out of the apparatus, and connected either to the zone (9) or to the zone (12) if present.

**IN THE CLAIMS**

~~Please cancel claims 10, 13, 14 and 17.~~

~~Please amend the claims as follows:~~

--11. (Amended) An apparatus according to claim 18, further comprising a selective diene hydrogenation zone located between said fractionation column and said hydrotreatment zone, said hydrogenation zone comprising a gasoline inlet line in fluid communication with said first discharge line (3) for introducing a first gasoline cut, and a dedienized first gasoline cut outlet line.

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12. (Twice Amended) An apparatus according to claim 18, further comprising a hydrotreating zone (15) for hydrotreating a second gasoline cut, said hydrotreating zone having a gasoline cut inlet line which is in fluid communication with said second discharge line (4) for introducing a second gasoline cut from said fractionation column, a first hydrotreated cut outlet line (16), and a hydrogen supply line (17) connected to said gasoline cut inlet line (4) or said hydrotreating zone, and a stripping column (18) having a hydrotreated cut inlet line in fluid communication with said first hydrotreated cut outlet line, an H<sub>2</sub>S outlet line (19), and a second hydrotreated cut outlet line (20).

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15. An apparatus according to claim 13, further comprising a selective diene hydrogenation zone located between said fractionation column and said hydrotreatment zone, said hydrogenation zone comprising a gasoline inlet line in fluid communication with said first discharge line (3) for introducing a first gasoline cut, and a dedienized first gasoline cut outlet line.